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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Lewis, Hal A

Serial No.: 09/729,838

Group Art Unit: To be assigned

Filed: December 4, 2000

Examiner: To be assigned

For: Crystals and Structures of Luxs

Attorney Docket No.: 10342-012-999

**PRELIMINARY AMENDMENT UNDER 37 CFR §1.115**

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In accordance with the Rules of Practice, please enter the following amendments and consider the remarks below prior to the examination of the above-captioned application.

**AMENDMENT**

**IN THE SPECIFICATION**

On page 5, please replace the paragraph beginning, "FIG. 1 provides a structure-based sequence alignment of LuxS proteins..." with the following paragraph:

FIG. 1 provides a structure-based sequence alignment of LuxS proteins, *H. pylori* LuxS (SEQ ID NO: 1), *D. radiodurans* LuxS (SEQ ID NO: 3), *H. influenzae* LuxS (SEQ ID NO: 2), *C. Jejuni* LuxS (SEQ ID NO: 4), *B. burgdorferi* LuxS (SEQ ID NO: 5), *C. perfringens* LuxS (SEQ ID NO: 6), *N. meningitidis* LuxS (SEQ ID NO: 7), *S. typhimurium* LuxS (SEQ ID NO: 8), *V. harveyi* LuxS (SEQ ID NO: 9), *E.coli* LuxS (SEQ ID NO: 10), *V. cholerae* LuxS (SEQ ID NO: 11), *B. subtilis* LuxS (SEQ ID NO: 12), and *B. halodurans* LuxS (SEQ ID NO: 13).